NMCI Transition to Steady State Overview

for Applications Seminar
v3

Agenda

▸ **Definitions**

▸ **Where are you in the Transition process?**

▸ **Legacy to Transition**

▸ **Steady State (Post Transition)**

Definitions

- **Transition process**
  - Deployment of legacy applications which meet NMCI requirements and standards into the NMCI environment, as well as deploying new (CLIN 23) applications

- **Legacy**
  - Applications operating at the UIC/Site/Command before NMCI

- **Cutover**
  - Deploying legacy and CLIN 23 applications to NMCI seats
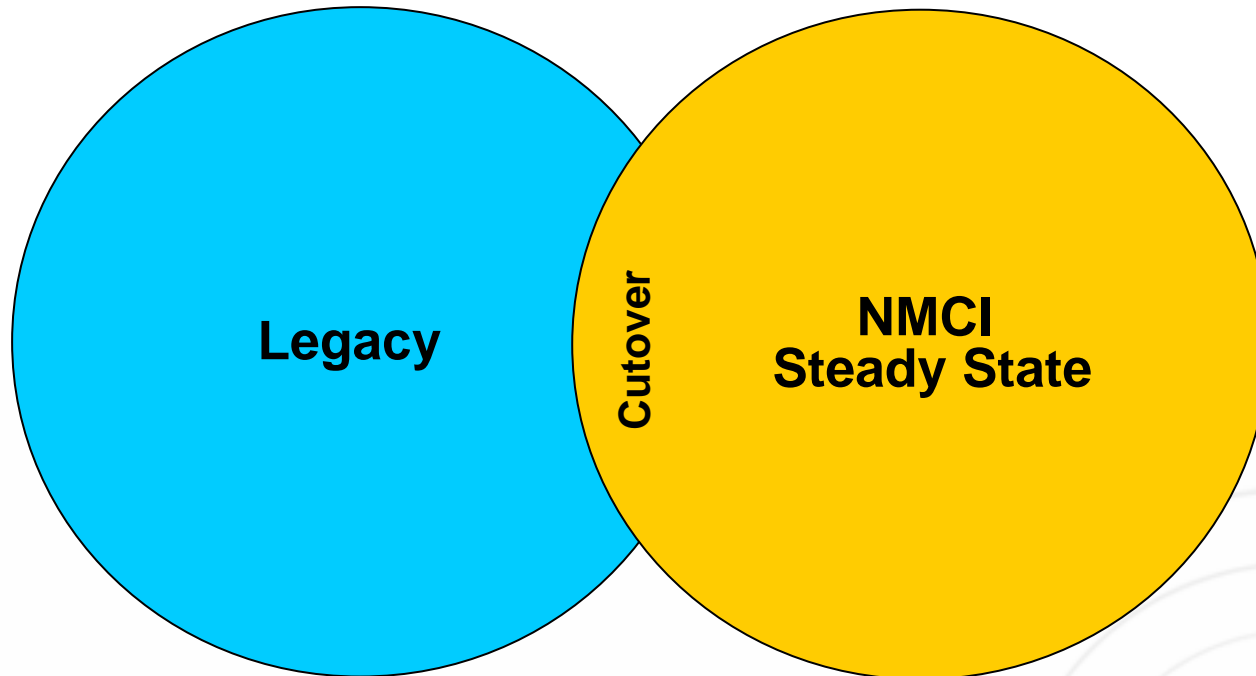
- **Steady State**
  - The post-transition NMCI environment

- **Emergent**
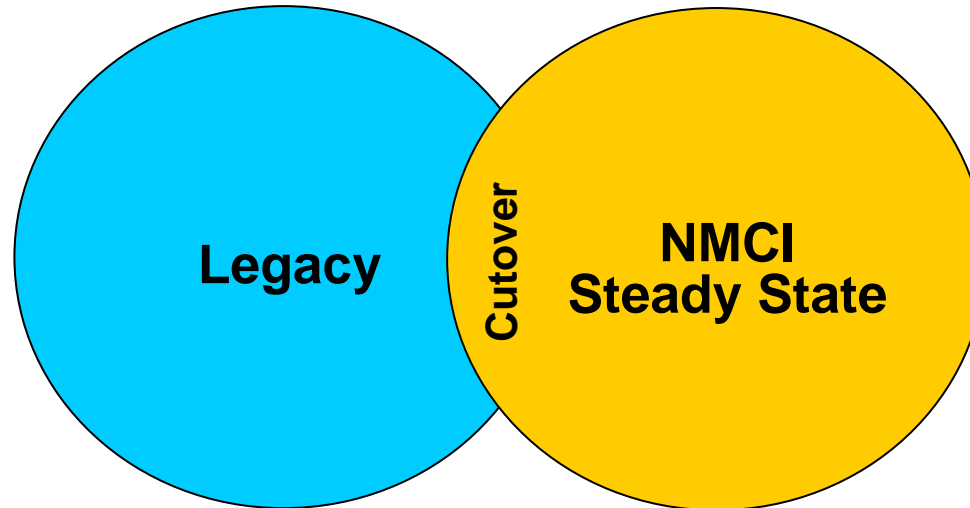 - New applications to be deployed into the NMCI environment

- **Upgrade, Update, Patch, Fix**
  - Changes to applications already deployed into the NMCI environment

Where are you in the Transition process?

Legacy

Cutover

NMCI
Steady State

Where are you in the Transition process? (cont'd)

Legacy | Cutover | **NMCI Steady State**

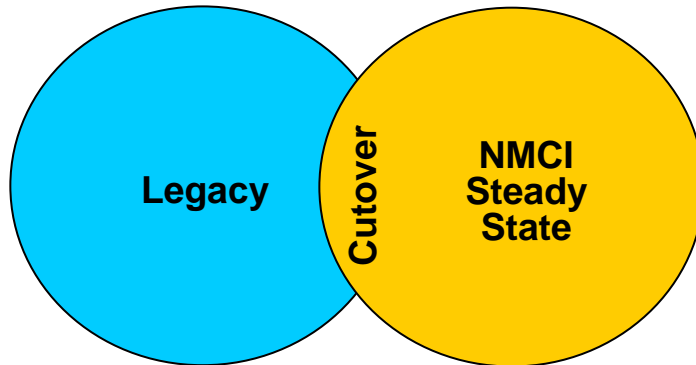**Legacy:**

▸ **Apps controlled by sites**

    ▸ **Some standardization**

    ▸ **Upgrades & new apps when budget allowed**

    ▸ **Local, manual support**

Steady State:

▸ **Apps controlled Enterprise-wide**

    ▸ **Standardization**

    ▸ **Scheduled refresh of Gold Build & CLIN 23 Catalog apps**

    ▸ **NMCI Help Desk & Base Operations (Enterprise-wide & local support)**

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Legacy | Cutover | NMCI Steady State

Some sites will have all UICs transition at the same time and go completely to steady state.

Larger sites will have UICs transitioning at different times. They will be in a mixed status of legacy mode and steady state until the last UIC has transitioned.

Legacy | Cutover | NMCI Steady State
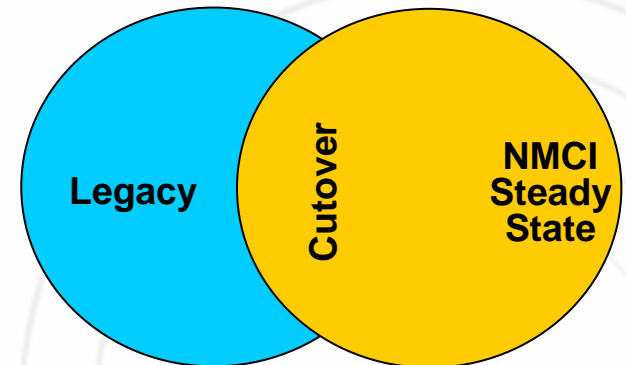
Legacy to Transition

Rapid Legacy Applications Process Overview
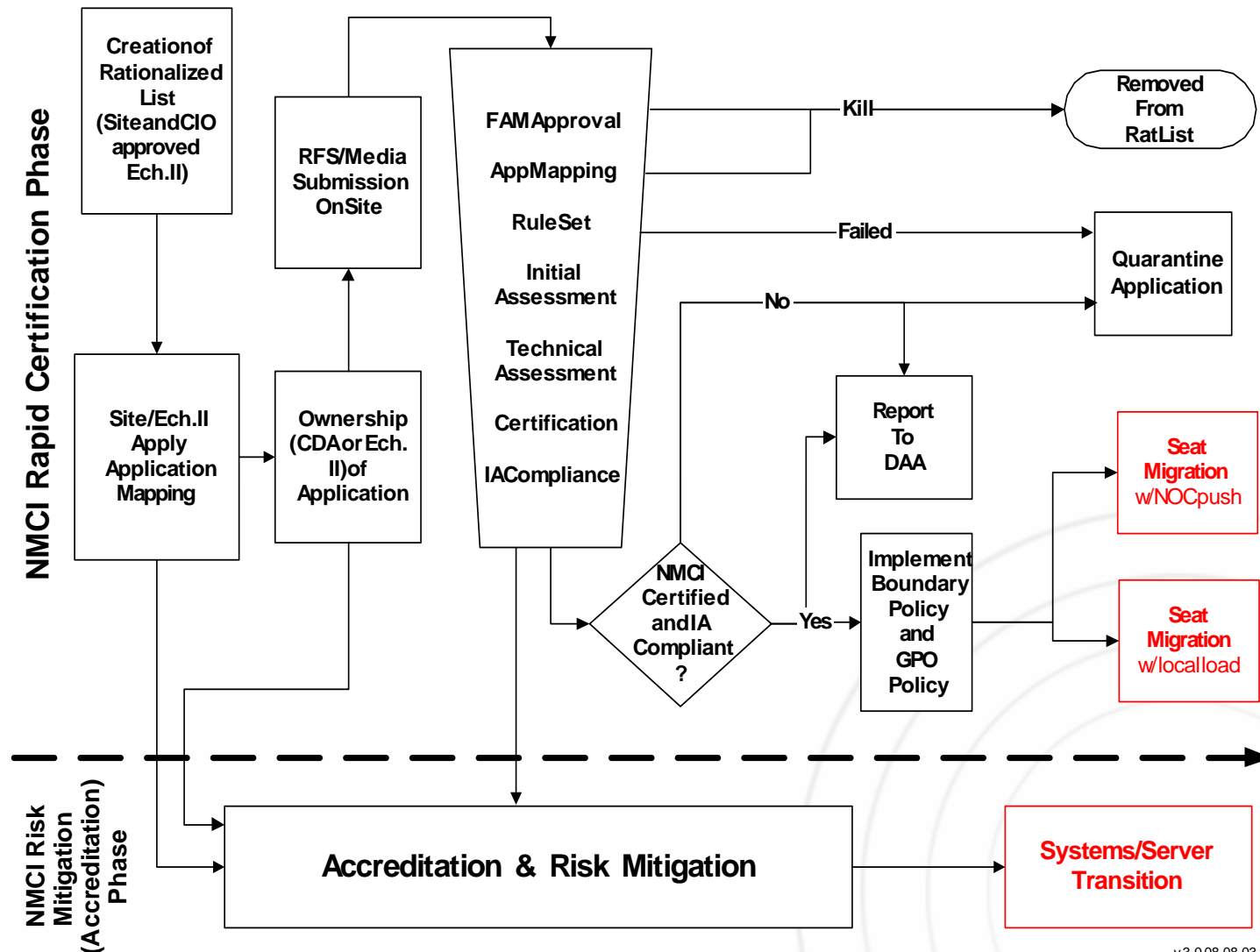

NMCI Rapid Certification Phase

- Creation of Rationalized List (Site and CIO approved Ech. II)
- Site/Ech. II Apply Application Mapping
- Ownership (CDA or Ech. II) of Application
- RFS/Media Submission OnSite
- FAM Approval
- App Mapping
- RuleSet
- Initial Assessment
- Technical Assessment
- Certification
- IA Compliance
- Kill → Removed From RatList
- Failed → Quarantine Application
- No → Quarantine Application
- Report To DAA
- NMCI Certified and IA Compliant? → Yes → Implement Boundary Policy and GPO Policy → Seat Migration w/NOC push / Seat Migration w/local load

NMCI Risk Mitigation (Accreditation) Phase

- Accreditation & Risk Mitigation → Systems/Server Transition

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Rapid Certification Phase

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Site Preparation

Identification

Rationalization (Incl. App Mapping)

Collection

Media Submission OnSite

Certification Testing

Pre-Deployment

Seat Migration

Transition Documentation

NET

ISF Tools Database

Classified Application Workbook

PostCutover Processes

- Late Applications
- Updated Applications
- Solution Changes
- Legacy Environment Changes
- Emergent Applications
- Change in Accreditation Status

Accreditation & Risk Mitigation

System/Server Transition

Legend

(blue)	Government/Site Responsibility
(yellow)	EDS Responsibility
(peach)	EDS/Govt Responsibility
(green)	ISF Tools Database & Classified Application Workbook (if required)
(purple)	NET (NMCI Enterprise Tool)

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Detailed in NMCI Legacy Applications Transition Guide (LATG)

▶ **Rationalized List and RFS developed by sites/commands using ISF Tools Database (unclassified & classified)**

▶ **Application Mapping developed using NET (NMCI Enterprise Tool, formerly NOIS)**

▶ **Applications must be Functional Area Manager (FAM) Approved or Allowed with Restrictions**

▶ **No Engineering Review Questionnaires required for Certification Phase**

▶ **All media submitted and held on-site (EDS may send media to San Diego Applications Lab)**

Rapid Legacy Applications Process Highlights *(cont'd)*

▶ **Applications tested using Remote Local Application Deployment Readiness Activity (RLADRA)**

▶ **Locally created & RLADRA .MSI packages provided to Applications Lab for conversion to standard Radia packages for electronic deployment**

▶ **Push from Network Operations Center (NOC) or Local Load**

▶ **DAA views RLADRA results (DAA Report) from ISF Tools and IATO granted based on NMCI Certification**

▶ **EDS can roll seats immediately after NMCI Certification/Validation and B1/B2 testing (RLADRA)**

▸ **Applications must have Certified or CBNR (Certified But Not Recommended) status to be deployed**

▸ **Applications that fail testing will be quarantined**

▸ **No new versions of already deployed applications will be RLADRA tested– they must use the post transition (NRDDG) process**

Execution Discipline

▶ **Decision Meeting 1 (DM1)**

  ▶ **No later than 120 days before Cutover**

  ▶ **Preliminary Rationalized List submitted**

  ▶ **Rationalized List begins scrubbing by RLADRA**

  ▶ **Media submission for new applications**

▶ **Decision Meeting 2 (DM2)**

  ▶ **No later than 72 days before Cutover**

  ▶ **Rationalized List locked for RLADRA**

  ▶ **Site RLADRA schedule**

▶ **Decision Meeting 3 (DM3)**

  ▶ **No later than 38 days before Cutover**

  ▶ **RLADRA complete**

  ▶ **OCM data finalized**

Steady State (Post Transition)

Detailed in NMCI Release Development and Deployment Guide (NRDDG)

▶ **New "emergent" applications and changes to existing NMCI applications (upgrades, updates, patches & fixes) are submitted by application developers through NETWARCOM/PMO for Navy and Enterprise Business Systems Support (EBSS) for USMC**

▶ **Sites do not submit applications for NMCI Certification & deployment. The exception is in Navy Msg of 03MAR04:**

  ▶ **"ALL APPLICATIONS MUST HAVE A CDA (CENTRAL DESIGN AUTHORITY) ASSIGNED. IF AN APPLICATION DOES NOT HAVE A CDA ASSIGNED, THE APPLICATION WILL BE RETIRED OR THE COMMAND USING THAT APPLICATION MUST ASSUME CDA RESPONSIBILITIES, INCLUDING NMCI CERTIFICATION, HELP DESK RESPONSIBILITIES, VERSION CONTROL, ETC. THIS APPLIES FOR BOTH COTS AND GOTS APPLICATIONS."**

Steady State Overview (cont'd)

▶ **Applications submitted to reduce quarantined (Dual Desktop) applications will be treated as new applications and must follow the NRDDG process**

▶ **Applications must be Functional Area Manager (FAM) Approved or Allowed with Restrictions**

▶ **All application mapping is a government responsibility**

▶ **NMCI operating system, Gold Disk applications & CLIN 23 Catalog applications are refreshed on a scheduled basis (urgent patches & fixes deployed earlier as needed)**
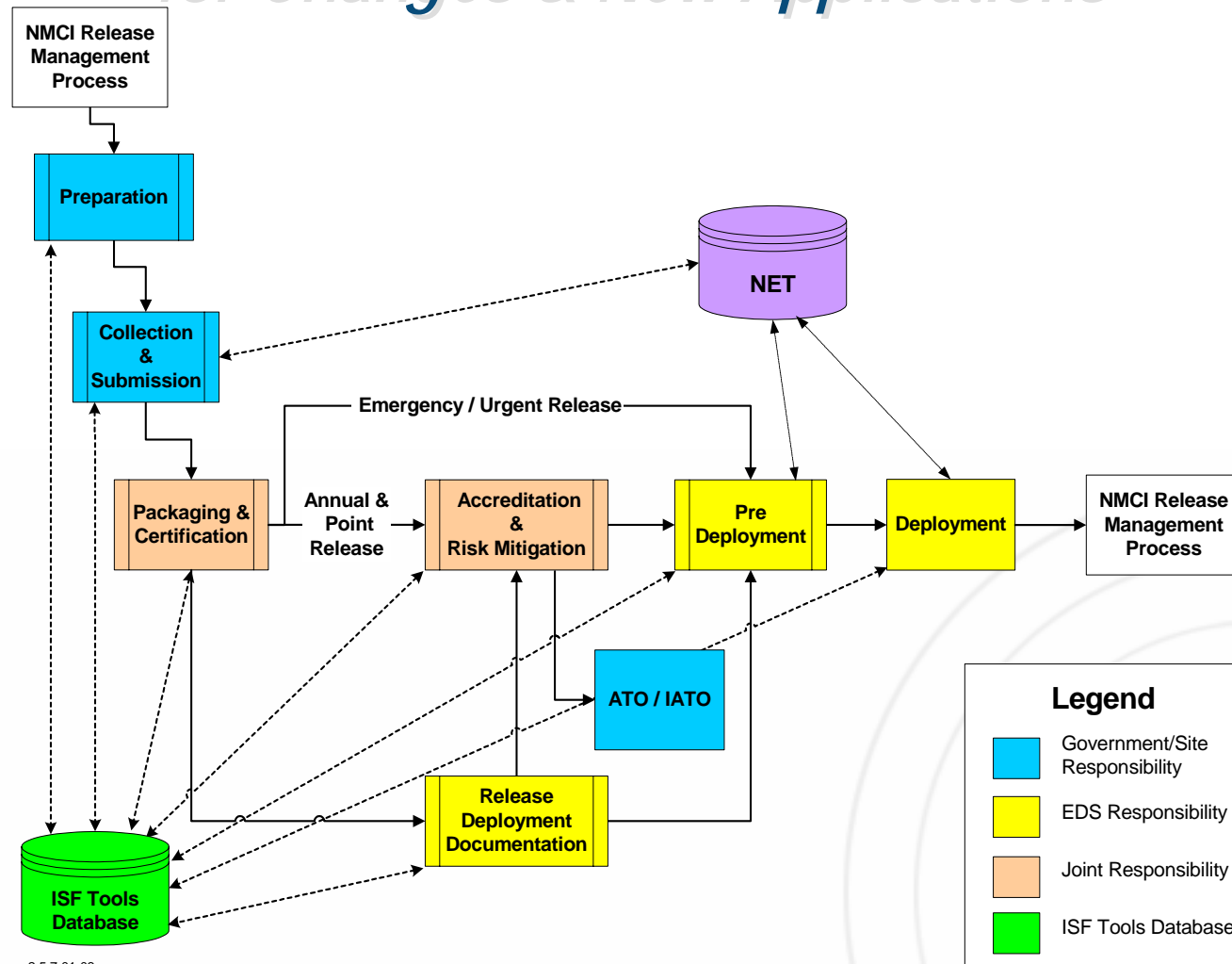
▶ **NMCI Help Desk & Base Operations support NMCI seats**

Steady State Deployment

▶ **New "emergent" applications**

- ▶ **All new applications must be NMCI Certified using Certification CLIN 23**

- ▶ **Proof of licensing for COTS is required**

- ▶ **Enterprise deployment (push) using Distribution CLIN 23 or Service Requests (MACs)**

- ▶ **Site/Command deployment request (pull) using Service Requests (Requesting a Release in the Post Transition Environment (RRPTE) process)**

Steady State Deployment (cont'd)

▶ **NMCI "legacy" application changes**

  ▶ **All application changes must be NMCI Certified using Certification CLIN 23**

  ▶ **Proof of licensing for COTS is required**

  ▶ **Enterprise deployment (push) using Distribution CLIN 23 or Service Requests (MACs).**

  ▶ **Site/Command deployment request (pull) using Service Requests (Requesting a Release in the Post Transition Environment (RRPTE) process)**
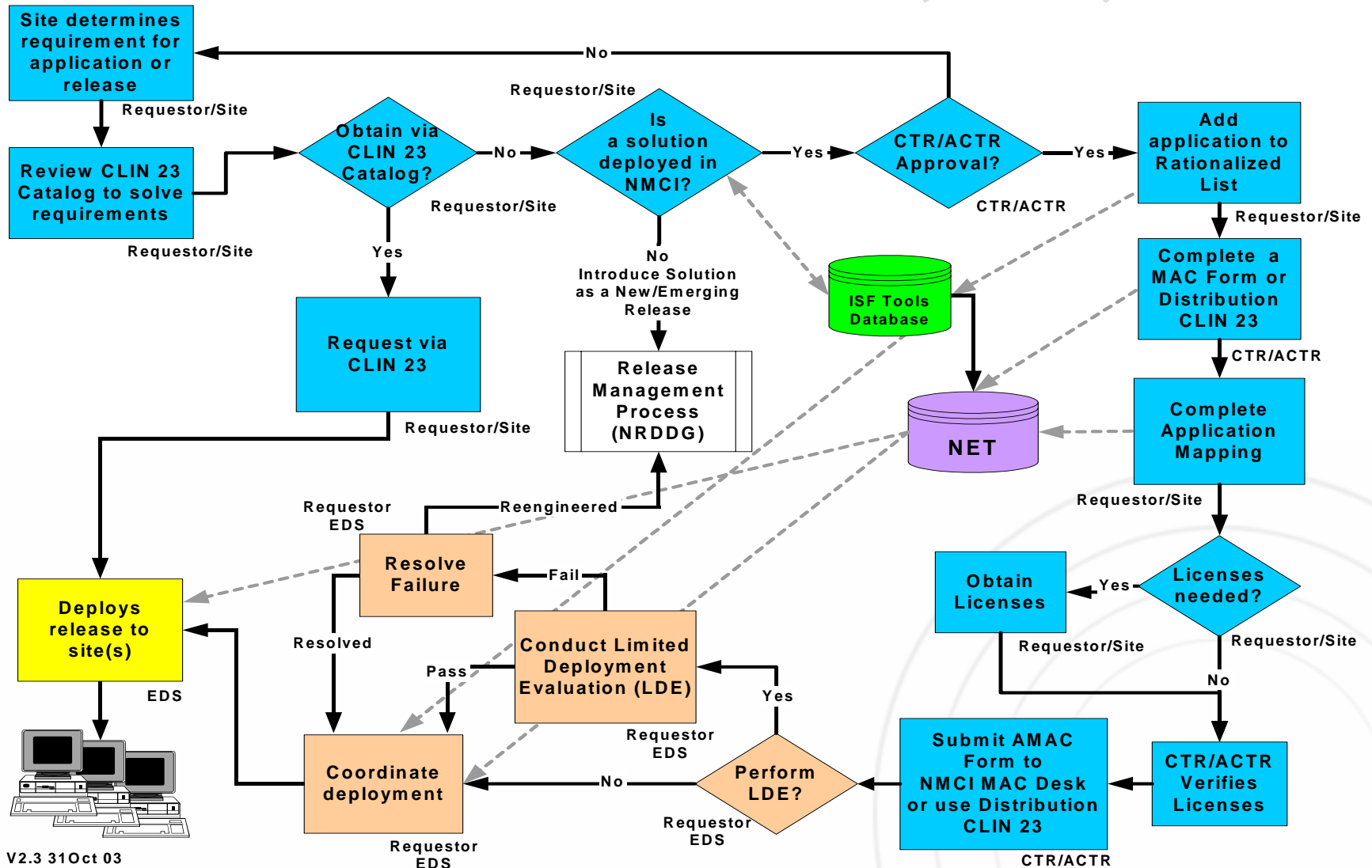
Steady State Deployment (cont'd)

▸ **Deployment of changes to NMCI operating system, Gold Disk applications & CLIN 23 Catalog applications**

  ▸ **Enterprise deployment (push) to existing users after NMCI Certified, deployment tested (NOC testing), and ECCB approved**

Steady State –
Certification & Deployment
for Changes & New Applications

Slide 20

Steady State – Application Requests from Sites / Commands (RRPTE)

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Site determines requirement for application or release
Requestor/Site

Review CLIN 23 Catalog to solve requirements
Requestor/Site

Obtain via CLIN 23 Catalog?
Requestor/Site

Is a solution deployed in NMCI?
Requestor/Site

CTR/ACTR Approval?
CTR/ACTR

Add application to Rationalized List
Requestor/Site

No → (to Site determines requirement)

Yes → Request via CLIN 23
Requestor/Site

No → Introduce Solution as a New/Emerging Release

Release Management Process (NRDDG)

ISF Tools Database

NET

Complete a MAC Form or Distribution CLIN 23
CTR/ACTR

Complete Application Mapping
Requestor/Site

Licenses needed?
Requestor/Site

Yes → Obtain Licenses
Requestor/Site

No → CTR/ACTR Verifies Licenses
CTR/ACTR

Submit AMAC Form to NMCI MAC Desk or use Distribution CLIN 23

Perform LDE?
Requestor EDS

Yes → Conduct Limited Deployment Evaluation (LDE)
Requestor EDS

No → Coordinate deployment
Requestor EDS

Pass → Coordinate deployment

Fail → Resolve Failure
Requestor EDS

Resolved → Coordinate deployment

Reengineered → (to Release Management Process)

Deploys release to site(s)
EDS

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▸ **Use Service Request Management's Move-Add-Change (MAC) process (Administrative or Physical) or Distribution CLIN 23 to deploy**

▸ **Release must be FAM Approved or Allowed with Restrictions at that site**

▸ **Radia instance from a CDA RFS should be used if available (enterprise solution) or Verified Root Application (VRA). If not, the instance requested should be justified (e.g., a local configuration is required)**

▸ **No Request to Deploy (RTD), No NMCI Release Deployment Process (NRDP), No Certification CLIN 23 required – the release is already certified**

- **Government is responsible for mapping releases to users/seats**

- **Requests for L_ & O_ Radia instances:**

  - **Must be "Certified- Ready to Deploy" or "Certified But Not Recommended (CBNR)" status**

  - **Must be deployment ready (ECCB approved and loaded to the Tiers)**

  - **Normally requires an Administrative MAC (unless physical seat configuration is needed and then a Physical MAC is required)**

  - **Local testing may be needed for complex applications (EDS will determine this need)**

Steady State – RRPTE (cont'd)

‣ **Requests for U_ Radia instances:**

  ‣ **Can only be deployed at the specific site indicated in the instance name**

  ‣ **Must be "Certified- Ready to Deploy" or "Certified But Not Recommended (CBNR)" status**

  ‣ **Must be deployment ready (ECCB approved and loaded to the Tiers)**

  ‣ **Normally requires an Administrative MAC (unless physical seat configuration is needed and then a Physical MAC is required)**

Steady State – RRPTE (cont'd)

▸ **Requests for X_ & Y_ instances:**

▸ **Can only be deployed at the original site (where it was created)**

▸ **Certification status must not be "Archived", "Canceled" or Deleted**

▸ **LADRA status must be "Passed" or "CBNR"**

▸ **Requires a Physical MAC**

- **Alternatives for requesting an application when there is no L_ or O_ instance available:**

  - **If an X_ or Y_ is available from another site, contact the Applications Lab to see if the X_ or Y_ instance can be converted to standard Radia. This is allowed for sites preparing for Cutover at no charge, but may require Certification CLIN 23 for post-Cutover sites.**

  - **Work with the application developer and NETWARCOM/PMO (EBSS for USMC) to get an enterprise version of the application submitted for NMCI Certification & deployment (NRDDG process)**

  - **Work with NMCI Directors Office to get the application added as a CLIN 23 Catalog offering**

Q & A

Navy Application Database Task Force (NADTF) NMCI Rule Set

- **Rule 1 - Windows 2000 compliant applications only**

- **Rule 2 & 4 - Applications must be compliant with DON/DoD Security policies (allowances should be made for applications mandated by other government agencies that DON is required to use)**

- **Rule 3 - No duplication of standard seat services (waiver can be requested)**

- **Rule 5 – No setup or installation software/utilities**

- **Rule 6 - No games (waiver can be requested)**

- **Rule 7 - No freeware or shareware (waiver can be requested)**

- **Rule 8 - No beta or test version software packages**

- **Rule 9 - No application development software (exception applies for approved science and technology [S&T] seats (CLIN38xx))**

- **Rule 10 - No agents**

- **Rule 11 – Gold Disk compatible applications only**

- **Rule 12 – No peripherals or drivers**

- **Rule 13 - No personal, non-mission, or non-business-related software (waiver can be requested)**

- **Rule 14 - No 8 or 16 bit applications (waiver can be requested)**

Helpful Links

- **EDS' NMCI website**

    - **http://www.nmci-isf.com**

- **Navy's NMCI website**

    - **http://www.nmci.navy.mil/**

- **USMC's NMCI website**

    - **http://www.nmciinfo.usmc.mil/**

- **NMCI NET (NMCI Enterprise Tool) website**

    - **https://128.11.63.205/net/default.aspx**

- **Navy DON Application & Database Management System (DADMS)**

    - **https://www.dadms.navy.mil/**

- **Navy Application Database Task Force (NADTF)**

    - **http://cno-n6.hq.navy.mil/NaVCiO/leg_apps.htm**

- **NMCI Legacy Applications Transition Guide (LATG)**

  - **http://www.nmci-isf.com/legacy_applications_transition_guide.pdf**

    or

  - **http://www.nmci.navy.mil/Primary_Areas/Legacy_Applications/PortalFiles-LegApps/LATGv5_1.pdf**

- **NMCI Release Development And Deployment Guide (NRDDG)**

  - **http://www.nmci-isf.com/downloads/ReleaseDevelDeployGuide.zip**

- **NMCI Legacy Systems Transition Guide (LSTG)**

  - **http://www.nmci-isf.com/downloads/legacy_systems_transition_guide.zip**

- **ISF Tools Guide**

  - **http://www.nmci-isf.com/downloads/isfusersguide.zip**

- **NMCI Execution Discipline Policy**

  - **http://www.nmci.navy.mil/Secondary_Areas/Now_Hear_This/Files/EDS_Policy_%20060804_v3.pdf**